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\*Coupling\* system for data processing units - uses \*duplex\* transmission  
via logic level change circuits and four wire line

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Patent Family:

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FR 2404970	A	19790601				197927 B

Priority Applications (No Type Date): FR 7729718 A 19771003

Abstract (Basic): FR 2404970 A

The \*coupling\* system links two digital data processing units such  
as the central processor and keyboard/printer of a computer. A \*duplex\*  
(4 wire) system is used for simultaneous exchange of data in both  
directions.

Each emitter/receiver has an adaptor changing its logic levels to  
those of the other unit using a differential mode. The system includes  
a \*test\* network enabling the faulty part to be diagnosed in the event  
of \*failure\*. The system enables economical transmission of data in  
\*duplex\* over distances up to several thousand metres.

International Patent Class (Additional): H04B-003/50